

WHAT IS CLAIMED IS:

1. A heat sink combining assembly, comprising:
a plurality of metallic heat dispersing fins, each having at least one groove at its top surface, and each groove having a securing hole, such that when said
5 metallic heat dispersing fins being coupled sequentially adjacent with one another, said grooves defining a successive accommodating channel and said each securing hole at the corresponding position on said top surface being aligned linearly with each other; and
at least one fixing bar, being installed into said accommodating channel in the
10 same row to latch each embedding section on said fixing bar into said each securing hole, so that said metallic heat dispersing heat sink fins being serially coupled with one another to form said heat sink assembly.
2. The heat sink combining assembly of claim 1, wherein said embedding section comprises two corresponding downwardly bent latch plates, and said each latch
15 plate has a securing plate outwardly bent to an appropriate angle, so that when said each fixing bar is installed into said accommodating channel to insert said two latch plates on said embedding section into said each securing hole in the same row, said each securing plate of said two latch plates is used to latch in the opposite direction onto the inner surface of said each metallic heat dispersing fin
20 to connect said metallic heat dispersing fins to define said heat sink assembly.
3. The heat sink combining assembly of claim 1, wherein said metallic heat dispersing fin has three faces being connected with one another and bent to an angle of 90 degrees.
4. The heat sink combining assembly of claim 1, wherein said metallic heat
25 dispersing fin is in the shape of a hollow rectangular box with 5 faces.

5. The heat sink combining assembly of claim 1, wherein said metallic heat dispersing fin further comprises a bottom plate disposed at a position corresponding to said top surface.
6. The heat sink combining assembly of claim 5, wherein said bottom plate comprises at least a second groove and a second securing hole in said second groove, and said metallic heat dispersing fins are aligned sequentially and coupled with one another to define a second accommodating channel, and said each second securing hole at the corresponding positions on said bottom plates are aligned linearly with each other, such that when said each fixing bar is installed into said accommodating channel, said second embedding section is latched into said each securing hole in the same row to serially connect said metallic heat dispersing fins to define said heat sink assembly.
7. The heat sink combining assembly of claim 6, wherein said second embedding section comprises two corresponding downwardly bent second latch plates, each having a second securing plate being outwardly bent into an appropriate angle.
8. The heat sink combining assembly of claim 7, wherein said each fixing bar is installed into said second accommodating channel, said each second latch plate is inserted into said second securing hole in the same row, and latched in the opposite direction into the inner side of said each metallic heat dispersing fin to connect said metallic heat dispersing fins to define said heat sink assembly.